

Color CRT and color kinescope having same

Patent number: CN1319872

Publication date: 2001-10-31

Inventor: NORIO SHIMIZU (JP); MASAAKI OGURA (JP); MASAI INOUE (JP)

Applicant: TOKYO SHIBAURA ELECTRIC CO (JP)

Classification:

- International: H01J29/86; H01J29/18; H01J29/07; H01J31/20

- european:

Application number: CN20010112048 20010323

Priority number(s): JP20000085255 20000324

Also published as:

US6441566 (B2)

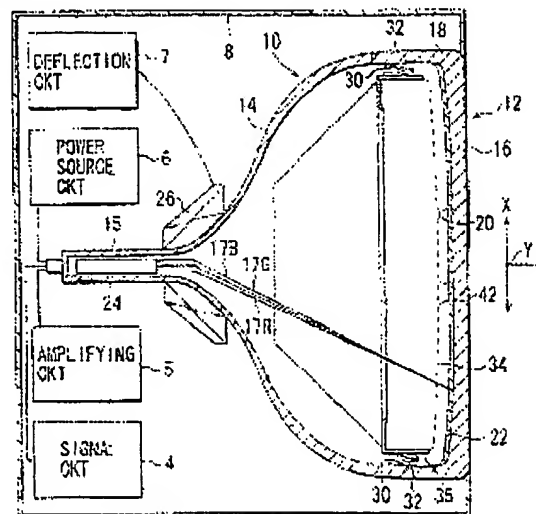
US2002017869 (A)

Report a data error here

Abstract not available for CN1319872

Abstract of corresponding document: US2002017869

The thickness of a face panel is greater at a peripheral edge portion than at a center portion. At the inner surface of the face panel, a curvature radius in a short axis direction on a long axis is set to decrease from the center of the face panel toward a long axis end and, with L representing a distance from the center of the face panel to the long axis end, has a minimal value at a position spaced from the center of the face panel more toward the long axis end than $L/2$. A phosphor screen on the face panel has phosphor layers and non-emitting black layers and a percentage of the non-emitting black layers per unit area at least in the neighborhood of a diagonal axis end of the face panel is equal to or smaller than that at the center portion of the face panel.



Data supplied from the esp@cenet database - Worldwide

BEST AVAILABLE COPY